



### TC1185-5.0VCT713 Information



For Reference Only

Part Number TC1185-5.0VCT713

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 150MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **Certified Quality**

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# TC1185-5.0VCT713 Specifications

Manufacturer Part Number         TC1185-5.0VCT713           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.4V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         80μA           PSRR         64dB (IkHz)           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SC-74A, SOT-753           Scries         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.4V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         80μA           PSRR         64dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Manufacturer Part Number	TC1185-5.0VCT713
Package         SC-74A, SOT-753           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.4V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         80μA           PSRR         64dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Manufacturer	Microchip Technology
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Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.4V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         80µA           PSRR         64dB (1kHz)           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5		PMIC - Voltage Regulators - Linear
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Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Configuration	Positive
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Type	Fixed
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.4V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Input (Max)	6V
Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  64dB (1kHz)  Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  SUT-23-5  Supplier Device Package	Voltage - Output (Min/Fixed)	5V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)80μAPSRR64dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage Dropout (Max)	0.4V @ 150mA
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PSRR 64dB (1kHz)  Control Features Enable  Protection Features Over Current, Over Temperature  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  Supplier Device Package SOT-23-5	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SC-74A, SOT-753  Supplier Device Package  SOT-23-5	Current - Supply (Max)	80μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	64dB (1kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Protection Features	Over Current, Over Temperature
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

#### TC1185-5.0VCT713 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### TC1185-5.0VCT713 Payment Methods



















## **TC1185-5.0VCT713 Shipping Methods**













If you have any question about TC1185-5.0VCT713, please do not hesitate to contact us!

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